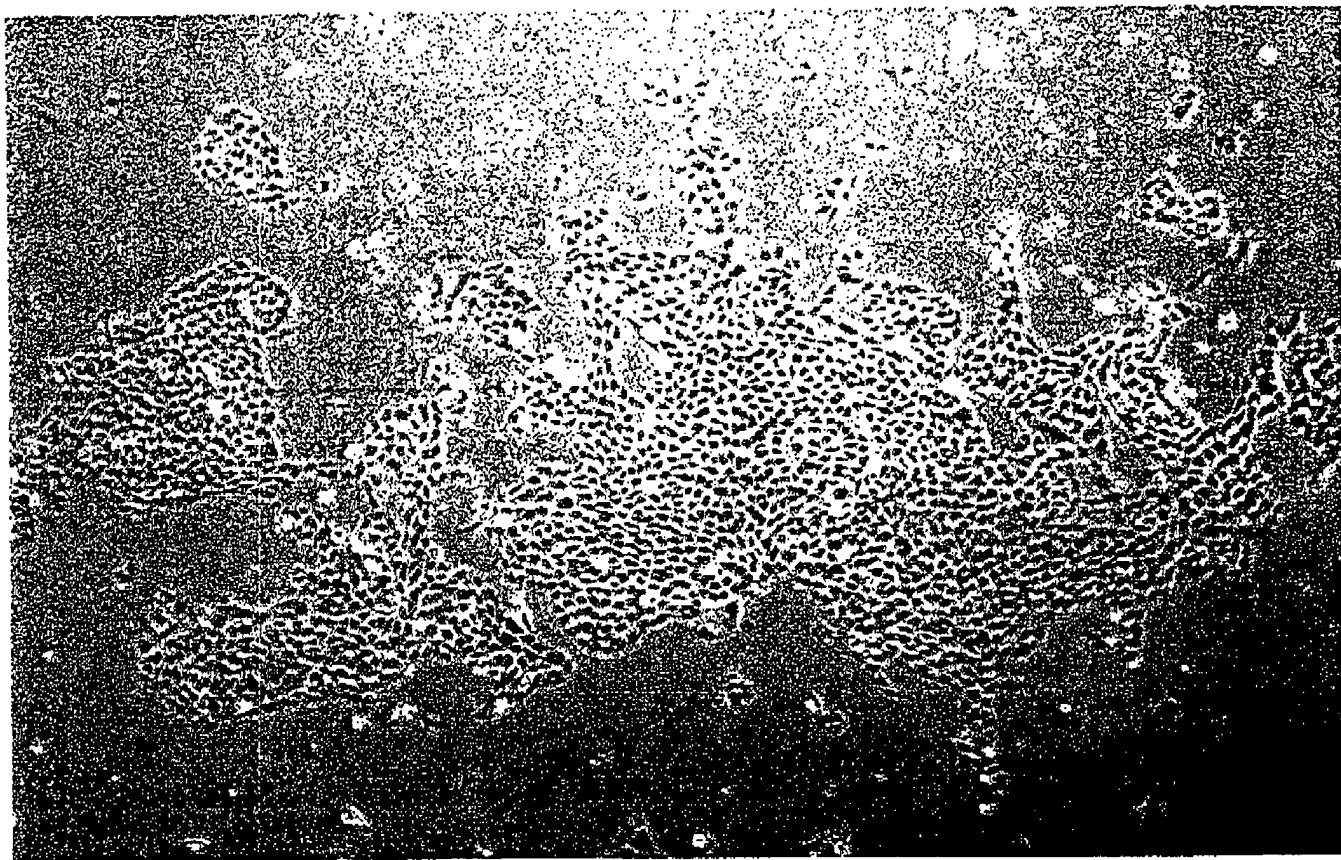


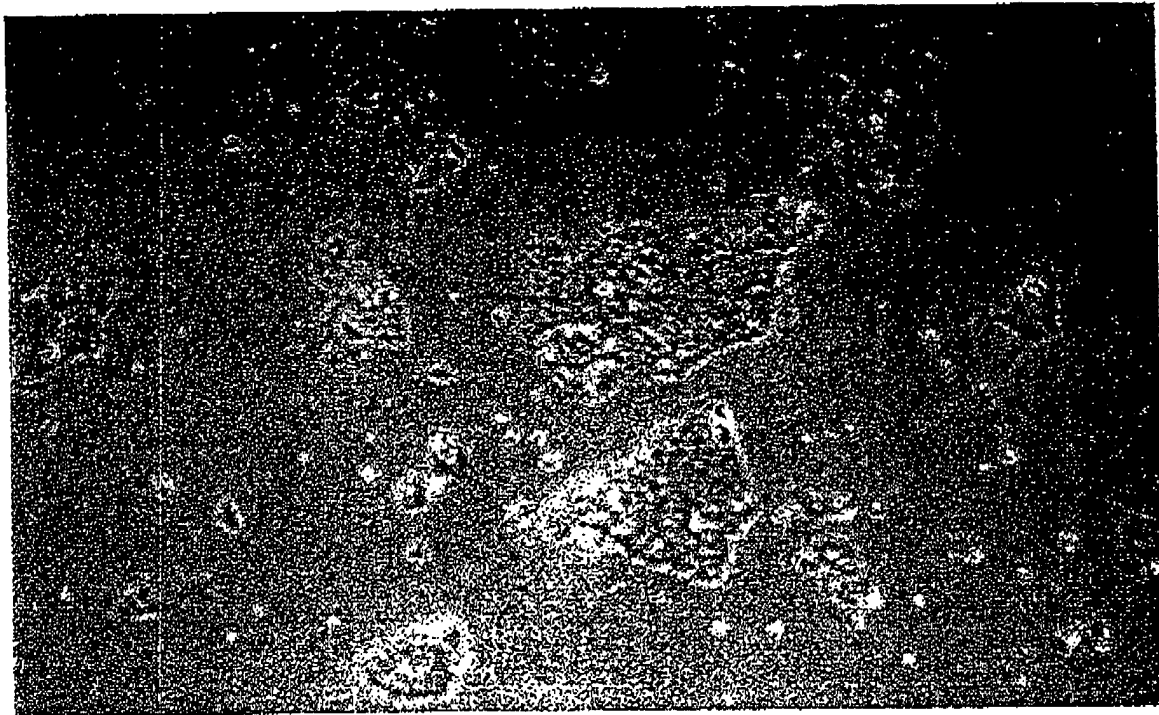
**EXPERIMENT 2 - PLATE B - 72 HRS  
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1B**



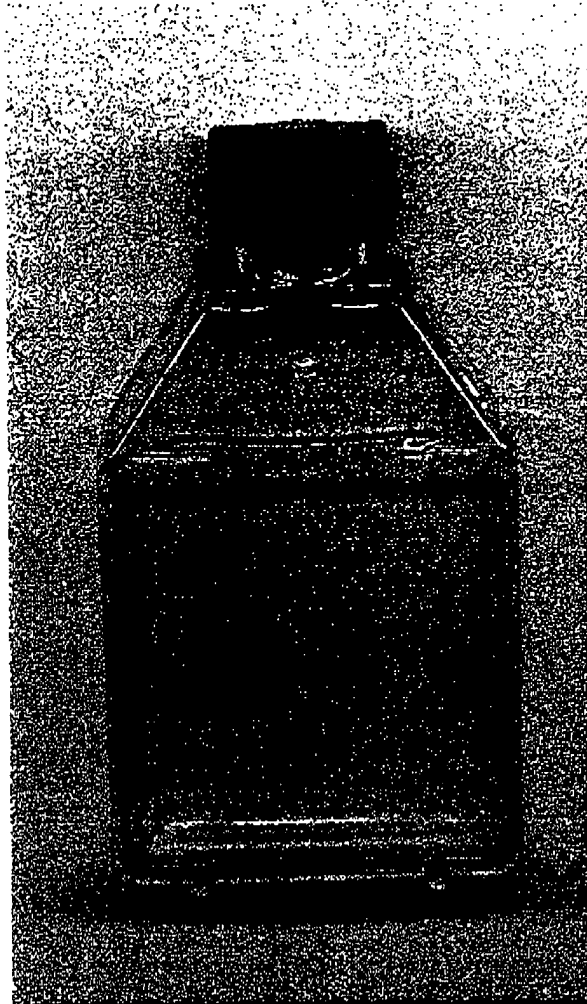
**EXPERIMENT 2 - PLATE C - 72 HRS  
STANDARD MEDIA W/ RETINYL ACETATE  
NO PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1C**



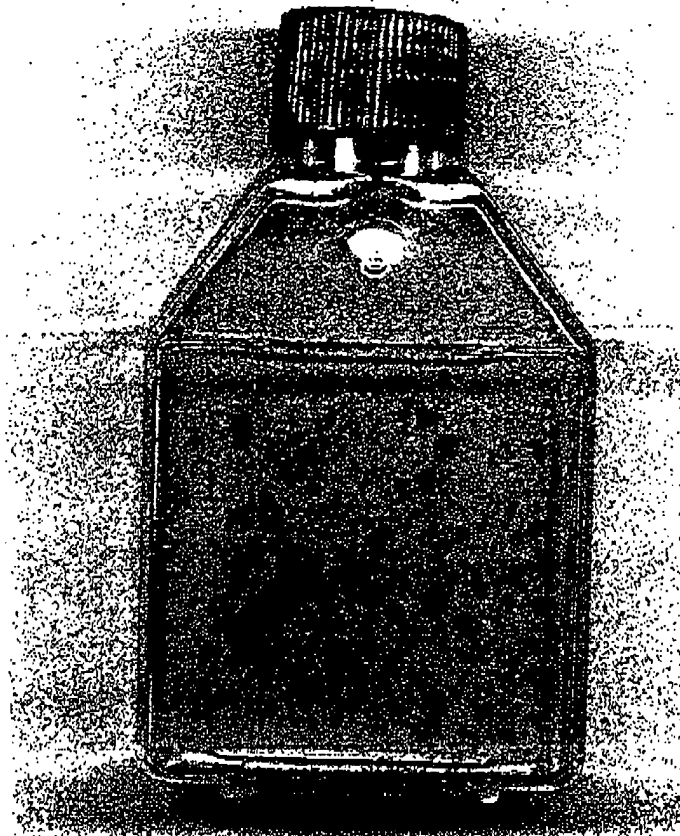
**EXPERIMENT 2 - PLATE D - 72 HRS  
STANDARD MEDIA W/ NO RETINYL ACETATE &  
NO PROTEIN GROWTH FACTORS  
LIVE CELLS - PHASE CONTRAST MICROSCOPY - 160X**

**FIGURE 1D**



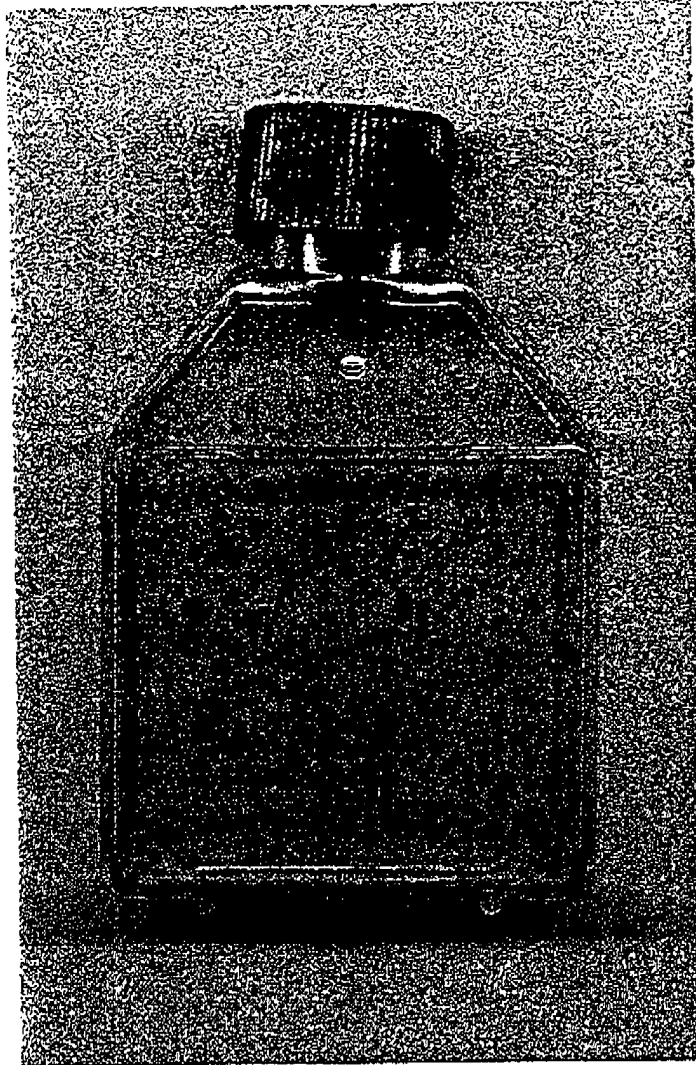
**EXPERIMENT 2 - PLATE A - 1 HR  
TOTAL CELL PLATING  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS = 1.0**

**FIGURE 2A**



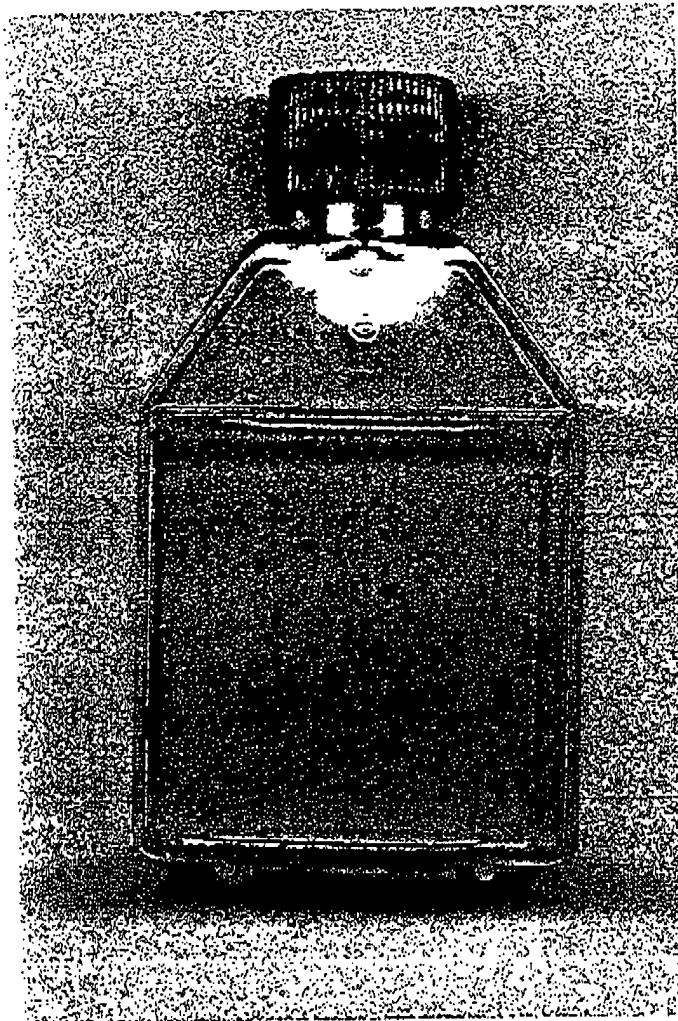
**EXPERIMENT 2 - PLATE B - 72 HRS  
COMPLETE MEDIA W/ PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 33.8**

**FIGURE 2B**



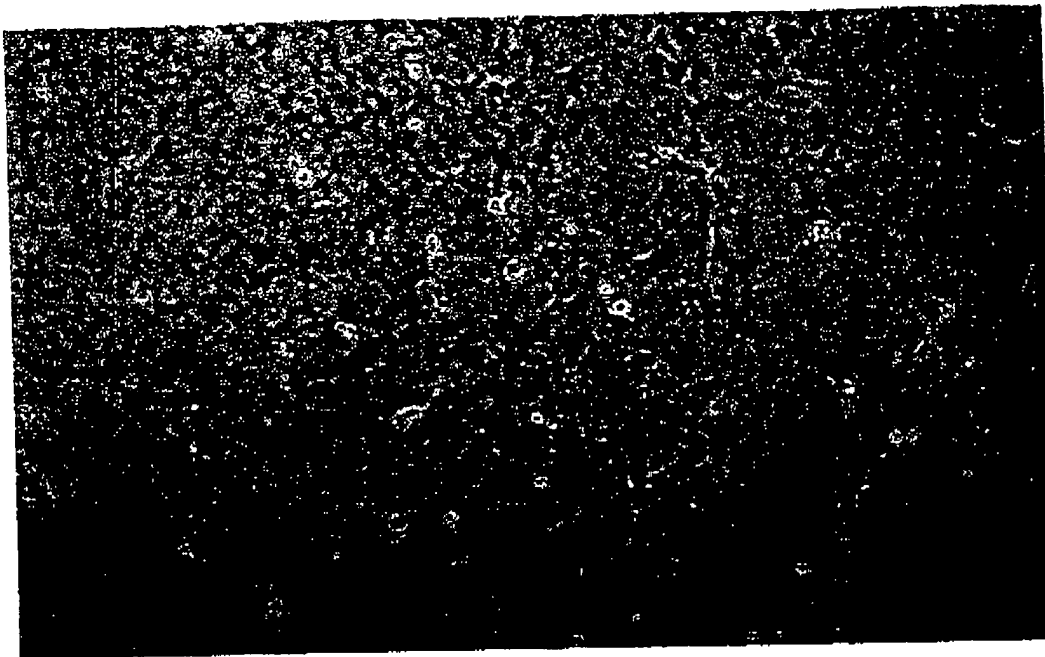
**EXPERIMENT 2 - PLATE C - 72 HRS  
STANDARD MEDIA W/ RETINYL ACETATE  
NO PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY UNITS TO PLATE A = 29.7**

**FIGURE 2C**



**EXPERIMENT 2 - PLATE D - 72 HRS  
STANDARD MEDIA W/ NO RETINYL ACETATE &  
NO PROTEIN GROWTH FACTORS  
CELLS FIXED AND STAINED -1.25X ACTUAL SIZE  
RELATIVE OPTICAL DENSITY TO PLATE A = 6.7**

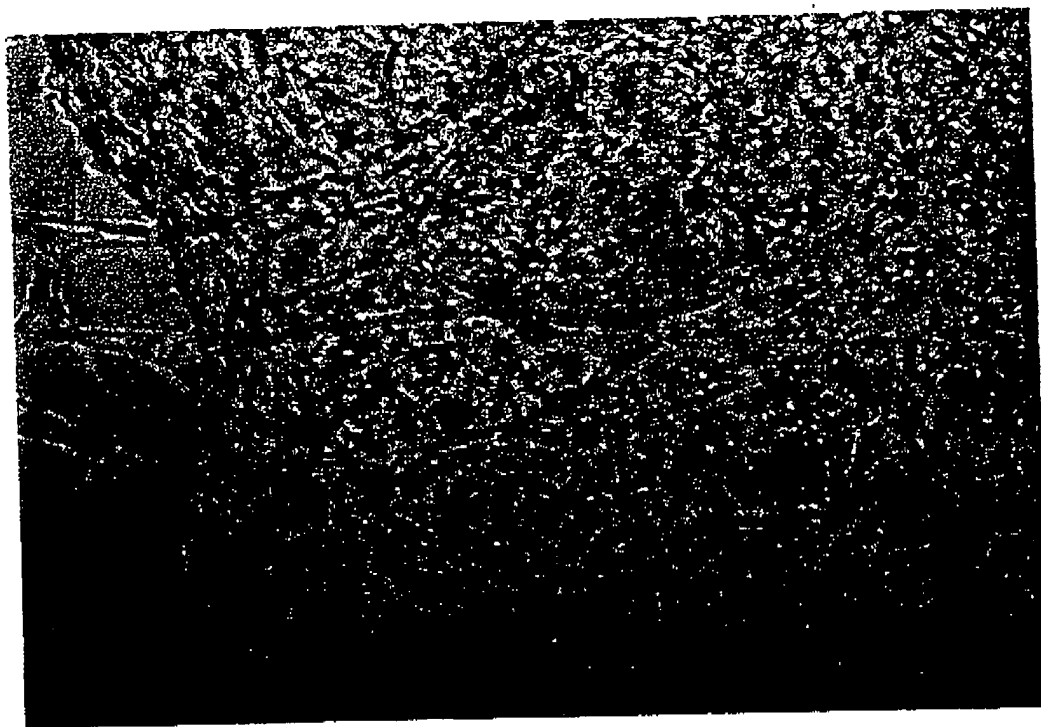
**FIGURE 2D**



**RETINYL ACETATE CULTURE TREATMENT  
PRE-DISPASE RELEASE OF SKIN SHEET  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

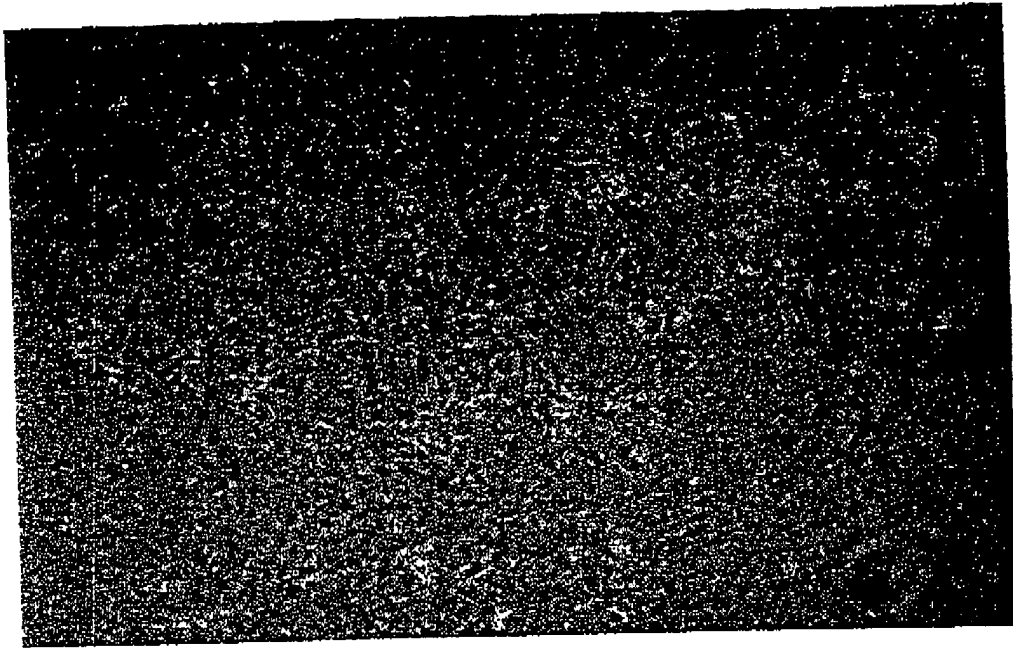
**FIGURE 3A**





**RETINYL ACETATE  
WITHOUT PROTEIN GROWTH FACTORS  
RETINYL ACETATE - SKIN SHEET  
TREATED W/ FBS +1mm Ca<sup>++</sup>  
DISPASE TOTAL RELEASE  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 3B**



**TOTAL CELL PLATING  
CONTROL  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 4A**



**WITH PROTEIN GROWTH FACTORS  
TREATED W/ FBS + 1mM Ca<sup>++</sup>  
CONTROL - SKIN SHEET DISPASE RELEASED  
PHASE CONTRAST MICROSCOPE  
20X MAGNIFICATION**

**FIGURE 4B**

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